

CLAIMS

What is claimed is:

- 1 1. A method comprising:
 - 2 determining an identification corresponding to a device; and
 - 3 remotely loading a user interface from a remote source wherein the user interface
 - 4 corresponds to the identification of the device.
- 1 2. The method of claim 1, wherein the identification is selected from the group
 - 2 consisting of global unique identification (GUID) and unit information (UINFO).
- 1 3. The method of claim 1, further comprising:
 - 2 remotely searching for a user interface corresponding to the identification.
- 1 4. The method of claim 1, wherein the remote source includes the World Wide
 - 2 Web.
- 1 5. The method of claim 1, further comprising:
 - 2 remotely loading a user interface corresponding to the identification if a user
 - 3 interface corresponding to the identification is not found by searching locally.
- 1 6. The method of claim 5, wherein locally searching includes searching the
 - 2 storage medium of a controller.
- 1 7. The method of claim 3, further comprising:
 - 2 loading a basic user interface if a user interface corresponding to the
 - 3 identification is not found by searching remotely.

- 1 8. The method of claim 7, wherein the basic user interface can be modified
2 through an user input.
- 1 9. The method of claim 1, wherein the user interface is loaded on a controller.
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- 1 10. The method of claim 1, wherein the user interface controls the device
2 operation.
- 1 11. A method comprising:
2 determining an identification corresponding to a device;
3 loading a particular user interface wherein the particular user interface
4 corresponds to the identification of the device; and
5 loading a basic user interface if the particular user interface is not found.
- 1 12. The method of claim 11, wherein the identification is selected from the group
2 consisting of global unique identification (GUID) and unit information (UINFO).
- 1 13. The method of claim 11, further comprising:
2 locally searching for a particular user interface; and
3 remotely searching for a particular user interface if a particular user interface
4 is not found by searching locally.
- 1 14. The method of claim 13, wherein locally searching includes searching a
2 storage medium of a controller.
- 1 15. The method of claim 13, wherein remotely searching includes searching the
2 World Wide Web.

- 1 16. The method of claim 11, wherein the basic user interface can be modified
2 through user input.
- 1 17. The method of claim 11, wherein the user interface is loaded on a controller.
- 1 18. The method of claim 11, wherein the user interface controls the device
2 operation.
- 1 19. A device controller comprising:
2 a processor; and
3 the device controller configured to detect the coupling of a device to a first
4 communication medium, to load a user interface that corresponds to an
5 identification received from the device on the device controller, and to load a basic
6 user interface on the device controller if a user interface that corresponds to the
7 identification is not found.
- 1 20. The device controller of claim 19, further comprising:
2 the device controller is configured to search for a user interface
3 corresponding to the identification at the locations selected from the group
4 consisting of a storage medium coupled to the processor and a remote network.
- 1 21. The device controller of claim 20, further comprising:
2 the device controller is configured to search the remote network if a user interface
3 corresponding to the identification is not found by searching the storage medium
4 coupled to the processor.
- 1 22. The device controller of claim 19, wherein the first communication medium
2 is an IEEE 1394 protocol compliant.

- 1 23. The device controller of claim 20, wherein searching the remote network
2 includes searching across the first communication medium.
- 1 24. The device controller of claim 23, wherein the first communication medium
2 is the World Wide Web.
- 1 25. The device controller of claim 20, wherein the storage medium is selected
2 from the group consisting of memory and storage devices.
- 1 26. The device controller of claim 19, wherein the identification is selected from
2 the group consisting of global unique identification (GUID) and unit information
3 (UINFO).
- 1 27. The device controller of claim 19, further comprising a library of customizing
2 tools for a user to modify the basic user interface prior to the loading on the device
3 controller.
- 1 28. The device controller of claim 19, further comprising the device controller
2 controls the device operation through the user interface.
- 1 29. A computer-readable medium having stored thereon a set of instructions to
2 translate instructions, the set instructions, which when executed by a processor,
3 cause the processor to perform a method comprising:
4 determining an identification corresponding to a device; and
5 remotely loading a user interface from a remote source wherein the user
6 interface corresponds to the identification of device.

1 30. The computer-readable medium of claim 29, wherein the identification is
2 selected from the group consisting of global unique identification (GUID) or unit
3 information (UINFO).

1 31. The computer-readable medium of claim 29, further comprising:
2 remotely searching for a user interface corresponding to the identification.

1 32. The computer-readable medium of claim 29, wherein the remote source
2 includes the World Wide Web.

1 33. The computer-readable medium of claim 29, further comprising:
2 remotely loading a user interface corresponding to the identification if a user
3 interface corresponding to the identification is not found by searching locally.

1 34. The computer-readable medium of claim 33, wherein locally searching
2 includes searching the storage medium of a controller.

1 35. The computer readable medium of claim 31, further comprising:
2 loading a basic user interface if a user interface corresponding to the
3 identification is not found by searching remotely.

1 36. The computer readable medium of claim 35, wherein the basic user interface
2 can be modified through an user input.

1 37. The computer readable medium of claim 29, wherein the user interface is
2 loaded on a controller.

- 1 38. The computer readable medium of claim 29, wherein the user interface
- 2 controls the device operation.

09779046-00001